GOVERNMENT OF MADRAS. Secte. II-28 —60,000—4-1-52.

Public Works (1952) Department.

~~Endorsement~~
~~D.O.~~
Memorandum
~~Lodged~~

No. 375-A (B' Series)

Dated 375-A 20. 10. 1952.

Clerk
for L
25/11/52

FURTHER PAPERS.

Department.	Number.	Series.	Date.

(From C.No. 5005/49)

(C.No 4471J/49)

Extract from the memorandum from Jonas Hussain, M.L.A., and others dated 17-9-'49 to H.M.(P.W.)

IRRIGATION.

3. In the present vigorous 'Drive' for self sufficiency in food short - term minor Irrigation projects should be of special importance to be attended to. While the major long term Irrigation Projects will have to take their own time for completion, the minor Irrigation works should be undertaken on a basis of 'War Emergency' and executed without the delays of Red-Tapism. In Karkala Taluk we suggest the following items for immediate execution-

(a) Construction of a dam and removal of silt in the Anekere Tank in Karkala Town so as to maintain water at a sufficient level for irrigation purposes.

(b) Improvement of a tank or catchment area in Munigal - Mudradi villages of Karkala Taluk as a source of irrigation.

* * * *

Extract of H.M.(P.W.)' minutes.

" Secy. P.W. may be seen. The position has been explained.

H.M. 17/9. "

Extract from the memorandum presented by the District Advancement Association, South Kanara, to H.M.(P.W.) dated Sept. '49.

* * * *

Irrigation - We have been hearing that surveys are being under taken for construction of temporary and permanent bunds across the rivers in the District for the last five years or more and we dare say a large amount of money has been spent already over such irrigation and

supply up to estimates, but the results of such investigation if published annually and made available to the public would have helped in the solution of the problem of Grow More Food and unless at least one such is constructed every year, the investigation and expenditure incurred thereon would not be justified. The question of improving irrigation has been urged by the people before the Govt. from a very long time, not only to increase food crops but also to tackle the problem of soil erosion in a district thickly interspersed by hills and valleys and getting an average rainfall below 145 inches per annum. Thousands of acres of cultivable lands could be made to yield a second crop by constructing bunds across atleast the main rivers and installing pumps. We do hope that a beginning will be made atleast this year in the matter of construction of bunds, for raising the second crop for arriving at self sufficiency in the district, as programmed for the whole country by 1951.

* * * *

Extract of P.W.D.(P. &)'s minutes.

" Secy. P.W. I have explained the position re. the various items. I would like to know the position re. construction of lines for taking power from Jog. ~~Kakxi~~ Working of the Nettravali may be taken up.

P.W. 13/9.

P.W.D. (J)

3

101
22.10

Memo No 4471 J/49-1 d 22.10.49

Sub: Irrign - S. Kamara - Kaskala tk - Improvements to tank.

Ref

Xerox/p1 c/f

An extract from the memorandum presented by Janab Hussain, M.L.A and others to H.M (P.W) is forwarded to the C.E., P.W.D for very early remark.

Sd
18.10.49

20/10/49

Sd/-
21.x.49

To,
The C.E., P.W.D.
Irrign. Branch.
with copy of x a p1 c/f

Sd/-
25/10

Note:- The points mentioned at y on p2 c/f is already under consideration separately

20/10/49

Remarded.
Sd/-
22.10.49
Sd/-
30.12.49

C.P. 93.

P.W. DEPARTMENT.

REMINDER. I Section Branch.

To THE C.E. 1959

Irrigation Branch

I am directed to invite attention to Govt. Memo. No. 4471 J/49-1 dated 22.10.49 and Govt Ex. Rem, dated 22.11.49 and to request ~~that the reply to it may be expedited~~ request that this reminder may be returned at once with information as to—

(1) the stage at which the matter now is, and
(2) the date by which a reply may be expected, and
(3) the circumstances which have caused the delay.

Office P.W. Sectt.

Station Fort St. Geo

Dated 30.12.49

Signature. for Asst. Secy to Govt

Designation.

SUBJECT. 30.12.49.

Irrigation - S. Kanara Dt - Karkala taluk - Improvements to tanks.

P.T.O.

6 (4471J/49) C.F. 98.

REPLY.

To The Secretary,
Public Works Department.

The report called for from the Superintending Engineer, Coimbatore Circle is still awaited. He is being reminded to expedite it. On its receipt my reply will be sent to the Government.

25/1/50
For Chief Engineer for Irrigation.

28/1 P.W.D(J)

A.R.Hill 3-3-50

Rd. 3/3/50. 31.1.50 31/1/50. 1.2.50

7

C.F. 93. P.W. 5

DEPARTMENT.

REMINDER 1950 J. Section Branch.

To The C.E., P.W.D.

Irrigation Branch

~~have the honour to invite~~ I am directed to invite attention to Govt Memo No. 4471 J/49-1 d. 22.10.49 and your/our reply, dated 25.1.50 to Ex. Rem and to ~~request that the reply to it may be expedited~~ request that this reminder may be returned at once with information as to—

(1) the stage at which the matter now is, and
(2) the date by which a reply may be expected, and
(3) the circumstances which have caused the delay.

Office P.W. Sectt.

Station Fort St. Geo.

Dated 3.3.50

Signature.
for Asst Secy to Govt
Designation.
3.3.50.

SUBJECT.

Irrigation - S. Kanara Dt - Karkala taluk - Improvements to tanks.

[P.T.O.

(4473/49) C.F. 98.

REPLY.

The Secretary, to Government,
Public Works Department.

The Superintending Engineer's report on the Government reference is still awaited. He is being reminded to expedite it. The Government ref: will be replied on the receipt of Superintending Engineer's report.

16/3/50

for CHIEF ENGINEER FOR IRRIGATION.

PK/16-3.

16/3 P.W.D.(J)

A.R.Kill 24-4-50.

Rd 24/4/50

26.3.50

26/3/50

20.3.50

5808/49 12 9

C.F. 98.

DEPARTMENT.

REMINDER. 26 APR 1950

To THE Irrigation Branch

Piet

~~have the honour to invite~~

I am directed to invite attention to Govt Memo No 4611 J/49-1 d 22.10.49 and your int. P8R/No. Dcply, dated 16.3.50 h.r. and

~~to request that the reply to it may be expedited~~

request that this reminder may be returned ~~at once~~ before 20.5.50 with information as to—

(1) the stage at which the matter now is, and

(2) the date by which a reply may be expected, and

(3) the circumstances which have caused the delay

Office P.W. Sectt.

Station Fort St. Geo:

Dated 24.4.50

Signature.

for Asst. Secy to Govt.

Designation.

24.4.50

SUBJECT.

Irrign. — S. Kanara Dt. — Kaikala tk. — Improvements to tanks.

[P.T.O.

16

(44713/45)

ASST. SECRETARY TO GOVT.
J 2520
25 MAY 1950

REPLY.

To The Secretary to Government,
Public Works Department,
Madras.

The Superintending Engineer's report on the Government reference is still awaited. He has been reminded to expedite the report. On receipt of his report, a final reply will be sent to Government.

for Chief Engineer for Irrigation.

j.k.22/5

P.W.D.(J)

A.R. hill 30.6.50

25.5.50

25/5/50

Rd 30.6.50

Rd 26.6.50

C.F. 98.

P.W DEPARTMENT.

REMINDER. J. Section ~~Branch~~.

To The C.E.P.W.D.

Irrigation Branch

I ~~have the honour to invite~~ am directed to invite attention to Govt Memo No 4471 J/49-1 d 22.10.49 and your int ~~No. reply~~, dated 23.5.50 and 2nd Rmr to ~~request that the reply to it may be expedited~~ request that this reminder may be returned ~~at once~~ before 30.7.50 with information as to—

(1) the stage at which the matter now is, and

(2) the date by which a reply may be expected, and

(3) the circumstances which have caused the delay.

4 JUL 1950

Office P.W. Sectt.

Station Fort St. Geo.

Dated 30.6.50

Signature. for Asst. Secy to Govt

Designation. 30.6.50

SUBJECT.

Irrigation — S. Kanara Dt — Tankala Tk — Improvements to tanks.

P.T.O.

(4471J/45)

C.F. 98.

SECRETARY TO GOVERNMENT
6 AUG 1950
REPLY.
350+
PUBLIC WORKS DEPARTMENT

To The Secretary to Government,
Public Works Department,
Madras.

The plans and estimate are still awaited from the Superintending Engineer, Coimbatore Circle. He is being reminded to expedite them. On their receipt, a reply will be sent to Government.

12/8/50

FOR CHIEF ENGINEER FOR IRRIGATION

SR:8/8

P.W.D. (J)

A.R. till 20.9.50.

16.8.50

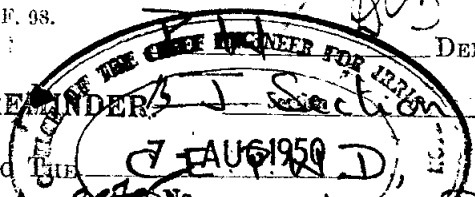
16/8/50

14.8.50

C.F. 98.

DEPARTMENT.

REMINDER 3 J Section Branch.



To THE No. 4392 Irrigation Branch.

I ~~have the honour to invite~~ am directed to ~~invite~~ attention to Govt Memo No 64711 J/49-1 d. 22.10.49 and Govt Ex Memo, dated 30.6.50 and

~~to request that the reply to it may be expedited~~ request that this reminder may be returned ~~at once~~ before 1-9-50 with information as to—

(1) the stage at which the matter now is, and

(2) the date by which a reply may be expected, and

(3) the circumstances ~~which have caused~~ the delay.

Office P.W. Sectt.

Station Fort St. Geo.

Dated 4-8-50

Signature. for Asst. Secy to Govt.

Designation.

SUBJECT. 4.8.50

Irrigation - S. Kanara Dt - Karkala Taluk - Improvements to tanks.

P.T.O.

14

C.F

REPLY.

To The Secretary to Government,

Public Works Department,

~~M a d r a s.~~

The Superintending Engineer's report still awaited. He is being reminded to expedite it. On their receipt and scrutiny, a reply will be sent to the Government.

5/9/50

For Chief Engineer for Irrigation.

SR:2/9

5.9.

P.W.D(I)

A.R. Cell 10-10-50.

9/5/50.

11

Cell 9.5.50

PWD(J)

102/47).

T.M. No. 4471 J/49-2 D/. 30.11.50

From The Asst. Secretary to Govt P.W.D.

To The C.E.(1)

Sub :- Irrigation - South Kanara Dr. Karkala Tk - Improvements to tanks

1 Cf. Ref :- Govt memo no. 4471 J/49-1 (P.W.D) of 22.10.49

Please expedite your report or say when it may be expected.

P. C. to go.

29.11.50

29/11/50

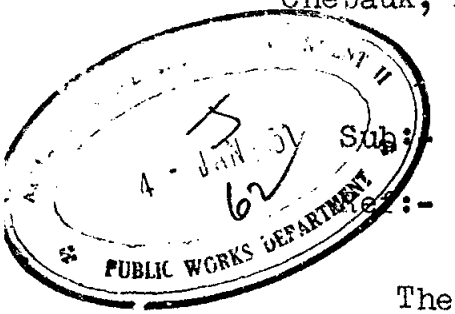
30.11.50

17

TELEPHONIC MESSAGE BY POST

From:-
The Chief Engineer for Irrigation,
Chepauk, Madras.

To
The Secretary to Government,
Public Works Department,



No. 5808/49-B -7 dated 28-12-50

Sub:- Irrigation- South Kanara District- Karakala Taluk- improvements to tank-
Ref:- Government Post copy of T.M.No.4471-J/49-2 d/30-11-50

The report called for from the Superintending Engineer, Coimbatore Circle is still awaited. He is being reminded to expedite it. As soon as it is received and examined, a reply will be sent to the Government.

L. Sundaram 30/12/50
For Chief Engineer for Irrigation.

pr.29/12.

29/12

P.W.D (J)

AJ.

AR. Will 10.2.51

7.1.51 8/1/51 9.1.51

18

P.W.D(J)

T.M. No. 4471 J(49-3-) 3-3-57.

From the Asst. Secy. to Govt. P.W.D
to the Chief.

Sir,

Ref: your T.M. No. 550/49.B.7.
dt 20/2/50

Please expedite the
submission of your report in
this case when it may be expected

P.C. to Jo.

19

POST COPY OF TELEPHONIC MESSAGE.

From
The Chief Engineer (Irrigation)
Chepauk, Madras.

To
The Secretary to Government,
Public Works Department.

-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x

No.5808/49 B-9 dated 30-3-51.

Sub:-Irrigation - South Kanara District - Karakala Taluk - Improvement to tank.

Ref:-Govt. P.C. of T.M. No.4471 J/49-3 dated 3-3-1951.

The report called for from the Superintending Engineer Coimbatore Circle is still awaited. He is being reminded to expedite it. On its receipt and examination, a reply will be sent to the Government.

[signature] 31/3/51

for Chief Engineer for Irrigation

TSS.31/3.

P.W.D (J)

A.R. Nil 5-5-51.

6/4/51

9.4.51

PWD(S)

T.M. No. [illegible] dated [illegible]
From the [illegible] Engr. PWD.
To the C&M.

Sir,

Ref. Your TM No. S C 1/49-B 9
[illegible]

Please inspect the [illegible] and submit your report in [illegible] at your earliest convenience.

Yours faithfully,

[illegible]

PWD(5)

36/16/6

T.M. no. 4471 I/49-5 dt. 14-6-57.

From the Asst. Secy. to Govt. P.W.D.

To the C.E. Us.

Sub: ~~Frontier Areas~~: Irrigation-South Kanara Dist - Karkala taluk - Improvements to tanks.

Ref: your T.M. no. 5808/49-B-9 dt 30-3-57 and Govt. reminder dt 8-6-57 T.M. this no. 4471 I/49-6-57 8-5-57.

Please expedite the submission of your report or say when it may be expected

P.C. No. 11 14/6

13/6/57 14/6/57

TELEPHONIC MESSAGE BY POST.

2 · 1951
58770
PUBLIC WORKS DEPARTMENT

From
The Chief Engineer for Irrigation,
Chepauk, M a d r a s.

To
The Secretary to Government,
Public Works Department.

No.5808/49-B-11 dated the 25th June 1951.

Sub:- Irrigation - South Kanara District - Karakala taluk - Improvements to tank -

Ref:- Govt.P.W.D. post copy of T.M.No.4471J/49-4 dated 8--5--1951.

The report called for from the Superintending Engineer, Coimbatore circle is still awaited. He is being reminded to expedite it. As soon as it is received and examined, a reply to Government will be sent.

for CHIEF ENGINEER FOR IRRIGATION.

PK/28-6.

P.W.D(J)

A.I.

AR. III 3.8.51.

25 P.W.D(J)

D.O. no. 4471 J/49-6 dt 11th Aug. 1951.

My dear Venkatachariar,

Sub: Irrigation - South Kanara district - Karakala taluk - Improvements to tanks.

Ref: Govt. Memo. no. 4471 J/49-1 P.W. dt 22.10.49.
your last interim report no. 5808/49.B1 dt 25.6.57

I am to invite your attention to the references cited. As the matter has been pending ~~with you~~ since October 1949, I am to request you to expedite the submission of your report to Govt.

To
Sri. A.R. Venkatachari
B.E., D.S.E.,
C.E.(I)., Chepauk,
Madras.

D.O.No.5808/48B-13. Office of the Chief Engineer for Irrigation, Chepauk, Madras, dated 24th August 1951.

My Dear Mani,

Sub:-Irrigation - South Kanara District - Karakal Taluk - Improvements to tanks.

Ref:- Your D.O.No.4471 J/49-6, dated 11-8-51.

In his recent reference, the Superintending Engineer, Coimbatore Circle has reported that, of the two tanks for which improvements are suggested in the extract of the petition received with Government Memo No.4471 J/49-1, dated 22-10-49, the Plans and estimate for the improvements to Anekere tank have been received and are scrutiny in his office. He has promised to send them by 15-8-51. As regards 2nd Scheme viz Tank in Muniyal, it is stated that the matter is pending with the Executive Engineer and that he has been specially reminded by a D.O. In these circumstances, I shall submit my final reply to the Government as soon as the Superintending Engineer's report in the matter is received and examined in this office.

YOURS SINCERELY,

To
Sri T.M.S. Mani, I.C.S.,
Secretary to the Government,
Public Works Department,
Fort St. George,
M A D R A S.

P.W.D (J)

T.M. no. 4471J/47-7 dt 20.10.57

From the Asst. Secy. to govt. PWD.
To the CE(W).

Subj: (As on p 27 ante)

Ref: your D.O. no. 5805/48.B.13 dt 24.6.57

Please expedite the submission of your report or say when it may be expected.

P.C. to Asst 25/10

This (1) 16/10

17/10/57.

P.W.D (J)

T.M. no. 4471J/49-8 dated 12-12-57.

From the Asst. Secy. to govt PWD
To the CE(W)

Subj: (As on p 27 ante)

Ref: govt. TM. no. 4471J/49-7 dt 20.10.57.

Please expedite the submission of your report or say when it may be expected.

P.C. to Asst

AW 10/12/57 10/12/57

11/12/57

From Sri
A.R. Venkatachari, B.E.,M.I.E.(Ind)
(M.Am.Soc.C.E., I.S.E.,
Chief Engineer for Irrigation,
Chepauk, Madras

To

The Secretary to Government,
Public Works Department.

2154

Letter No. 5808/49-B-16 dated 28--12--51.

Sir,

Sub: South Kanara District - Karakal Taluk - Improvements to Tanks.

Ref: Government P.C. of T.M. No. 4471-J/49-7 dated 20--10--51.

Plans and estimate for the Annekere tank were received from the Superintending Engineer and examined by this Office. A further report has been called for on 11-12-51 on some further points. As regards the Muniyal tank, please refer to para 2 of the Superintending Engineer's ~~Office Order~~ D.O No. 1594 I dated 6--9--51 extract enclosed. The superintending Engineer is being asked to report on this in due course.

for Chief Engineer for Irrigation.

4/1

3/ P.W.D.(J).

49/237.

T.M. no. 4471 J/49-9 dated 22-1-1952.
From the Asst. Secy. to govt. P.W.D.
to the CE(J).

Sub: Irrigation - South Kanara district - Karakal taluk - Improvements to tanks.

Ref: your letter no. 5808/49-B-16 dt 28-12-51.

Please furnish a copy of ~~the~~ D.O. from the S.E. no. 1594 I dt 6-9-51, as it has not been received with your reference cited.

P.C. to go.

19/1/52.

19/1/52

21.1.52

From Sri
A.R. Venkatachari, B.E.,M.I.E.
(Ind) M.Am. Soc. C.E., I.S.E.,
Chief Engineer for Irrigation,
Chepauk, M a d r a s 5.

To

The Assistant Secretary to
Government,
Public Works Department.

Letter No. 5808/49-B-8 dated 18--2--1952.

Sir,

Sub: Irrigation - South Kanara District - Karakal Taluk - improvements to the tanks.

Ref: Government Public Works Department P.C. of T.M. No. 4471 J/49-9 dated 22--1--1951.

Copy of an extract of Superintending Engineer's (Coimbatore) D.O.No. 1594 I dated 6--9--51 is furnished herewith.

for Chief Engineer for Irrigation

Encl. Copy of an extract of Superintending Engineer's D.O. dated 6-9-1951.

P.W.D.(J).

AJ.

Ref. from the CE's on p 33 ante.

no action is called for. may be filed.

2. The CE's further report with reference to 'B' on p 28 ante. may be awaited till 26.3.52. (in regard to improvements to Annekere tank).

X

13521

Dis
26/4/52

27/4/52.

27.4.52

Copy of D.O.No. 1594 I dated 6--9--1951 from the Superintending Engineer, Coimbatore Circle to the Chief Engineer for Irrigation.

Sub: Irrigation - South Kanara District - Karkal Taluk Improvements to tanks -

Ref: Your D.O.No. 5808/49-B-14 dated 24--8--1951.

Plans and estimates for the improvements to Anekere tank have been submitted to you in this Office No. 1540 I dated 29-8-51

2. As regards the second scheme, the Executive Engineer South Kanara Division reports that there is no tank to be repaired. It is not known whether the petitioners want a reservoir across the Matabettu Hole in its upper reaches in the Reserved Forest in Karkal taluk. This is proposed to be investigated in due course.

(True Copy)

Senior Superintendent.

116-127
8/4

PWD (J.I)

Memo No. 447 I J/49-10 : Dated 9-4-52

Sub :- Irrign- South Kanara Dt. Karkal TK-
Improvements to tanks -

Ref :- From the CE (1) letter no. 5808/49. B.1 & dy 28.12.51
From the CE (2) letter no. 5808/49- B.8 dy 18.2.52

The attention of the CE (2) is invited to the letter first cited and he is requested to expedite the Submission of his report ~~with reference to~~ regarding the improvements to Annekere tank.

Fr 313 Rd 31/3/52

B.L.N

To
Rd 14/4
The CE (2)

37-38 wd

P.W.D

37

T.M. no. 4471 J/49-11 dated 20th May 1952

From The Asst. Secy. to govt. P.W.D.

To the CE Cn.

Sub: Irrigation - South Kanara dist - Kasaragod taluk - Improvements to tanks.

Ref: Govt. memo no. 4471/J/49-10 of 8.4.52.

Please expedite the submission of your report or say when it may be expected.

P.C. to go.

Dy 15/5/52

Dy 16/5/52

P.W.D. (J1)

T. M. No 4471 J/49-12 dt 14.7.52.

From the A.S. (P.W.D)

To the E.E. (9).

Sub: Irrigation — S. Kanara Dt —
Karkal taluk. Improvements to tanks.

Ref: P.C. of Govt. T.M. No 4471 J/49-11
dt 20.5.52

Please expedite submission of your report or say when it may be expected.

Rd 23/6/52 23.6.52

(V.) 7.52

P.C to go

From Sri
A.R.Venkatachari,B.E.,M.I.E.(Ind),
M.Am.Soc.C.E., I.S.E.,
Chief Engineer for Irrigation,
Chepauk, M a d r a s.

To

The Secretary to Government,
Public Works Department,
Fort St. George, Madras.

-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-x-

No.5808/49 B-19 dated 12-8-1952.

Sir,

Sub:-Irrigation - South Kanara District - Karkal Taluk- Improvements to Tanks - Report submitted.

Ref:-Government Memo No.4471-J/49-1 PWD dated 22-10-49

In the Government memo quoted above, the Government have called for remarks on the following two schemes:-

(i) Construction of a dam and removal of silt in the Anekere Tank in Karkal Taluk; and

(ii) Improvement of a tank or catchment area in the limits of Muniyal-Mudradi villages of Karkal Taluk.

2. As regards item (i), the Superintending Engineer, Coimbatore circle has submitted revised plans and estimate amounting to Rs.13,200/- for works or Rs.17,161/- including direct and indirect charges. This scheme will be examined and further action taken in the matter as the estimate is within Chief Engineer's (Irrigation) powers of Administrative approval.

3. Scheme No.2 is for formation of a Reservoir in the limits of Muniyal-Mudradi villages, with regard to this, I forward herewith a copy of Superintending Engineer's (Coimbatore) No.689 I dated 1-4-'52 for the information of Government. I agree with the local officers and consider that it is not worthwhile taking up the scheme for investigation when it is likely to be so costly for the very limited benefits to be derived.

L.Sundaram
18/8/52

For Chief Engineer for Irrigation.

16/8

Encl: Copy of Superintending Engineer's reference dated 1-4-'52.

tss.14/8.

Copy of letter No.689 I/615.Z.17.P. dated 1-4-1952 from the Superintending Engineer, Coimbatore Circle to the Chief Engineer for Irrigation, Madras.

Copy of letter No.192.Rev.Dated 7-3-'52 of Sri B.M.Muthanna, Executive Engineer, South Kanara Division, Mangalore to the Collector of South Kanara, Mangalore.

Sub:-IRRIGATION - South Kanara District - Karkal Taluk - Improvements to tanks.

Ref:-Your No.13405/50 dated 19-6-50 & 13405/50.F.P.I. dated 22-5-50.

A report on the above scheme is submitted.

This scheme was sponsored by Janab.Hussain of Karkal in his memorandum presented to the Hon'ble Minister for Public Works, Communicated in S.E.'s No.817.S.K. dated 14-12-49 and subsequently recommended by the Forest Grievances Enquiry Committee vide your C.No.F.P.I.13405/50 dated 19-6-50.

The proposal is to form a reservoir at the junction of Varanga Kabbinab villages in the limits of Muniyal in Karkal Taluk, by constructing a masonry dam across Mattebette river at Longitude 75° - 2½' and Latitude 13° - 23'.

This river takes its source at Andlar ghats in the limits of Kabbinab village and drains an area of 5.14 sq. miles, it joints the Nadisal river after traversing a distance of about 5 miles in highly rugged reserve forest area and finally empties itself in the Arabian Sea. This stream is almost dry from February onwards at the site of the proposed dam. The average rainfall for the last 19 years from 1928 to 1946 as observed in Karkal is 184.04 inches. An extract of which is enclosed for reference.

From the Contour map the bed of the stream at the proposed site is about 300 contour. The maximum height of the dam that can be constructed is about 100 ft. without submerging the existing paddy fields in Kabbinab village. A cross section is taken and enclosed herewith with reference to an assumed B.M. the bed level as per this is - 95.0 and the F.R.L. - 195.0 and the crest of the dam is + 205. The water spread area for a dam of the height (as could be computed from the G.T.S. map) is 0.06 sq. miles, which is very small as this is situated in the gorge between two ranges of mountains The capacity of the dam for the bed is

$$0.06 \times 5280 \times 5280 \times \frac{100}{3} \quad : \quad 56 \text{ M.Cft.}$$

The flow in the stream till January can be set off against absorption and evaporation losses. Assuming an area of 15 acres per million cubic feet of impounded water maximum ayacut that can be had for second crop is 840 acres. On a perusal of village plans it is seen that there is not even a single block of 50 acres of compact area. Total area of existing irrigable land in veranga and andar villages upto the road (vide index map enclosed) is only about 440 acres. But these fields are lying in patches and over an extreme area in numerous valleys of small jungle stream and to supply water to all these lands is ~~ix~~ absolutely impossible. The maximum area which may be supplied with water can be taken as about 200 acres; this will be fed by the right side channel to be excavated. The balance of area has yet to be formed by clearing the Reserve Forest and terracing the lands under the left side channel to be formed. This area is approximately shown in the index map enclosed.

The right side channel referred to above has to be dug for a length of about 2½ miles and the left side channel for about 3 miles. These channels again will have to be excavated in the most undulating rugged country by the side of steep hills with reserve forest, with small innumerable jungle streams crossing them enroute.

The site of the dam is completely rocky seen to rise towards the flanks. For a height specified in para 5 above the length of the dam will be from L.S. 20 to L.S.860 i.e., 880 ft. including 20 feet flanks on either ends. Adopting a crest width of 10 feet and considering an elementary profile, the base width will be 67'-0" as shown in the marginal sketch. The foundation can be another 10 feet below the bed level.

The quantity of masonry involved is $2 \times 440 \left(\frac{3443 + 200}{2}\right)$

: 16,000 units.

1.	Cost at Rs.200/- per unit	Rs.32,00,000
2.	For foundations.	Rs. 1,00,000
3.	For sluices.	Rs. 20,000
4.	Excavating supply channels 5½ miles at Rs.6,000/- per mile.	Rs. 33,000/-
5.	Cross drainage works.	Rs. 30,000
6.	Temporary quarters, machinery etc.,	Rs. 1,00,000
7.	Unforeseen items.	Rs. 57,000
		35,40,000

Say Rs.36 lakhs.

From the above it could be seen that apart from converting the reserve forest area into paddy fields the scheme may cost about Rs.36 lakhs after all for the benefit of a maximum of 840 acres of lands.

Even if the scheme is taken up it is very difficult to have cultivation due to (i) very high malarial nature of the locality (ii) want of men for cultivation (iii) Ravages due to wild beasts. Even now first crop is not being raised on all the area available though water is available. Patches of fields when water is available for second crop are seen to have been abandoned due to reasons stated above.

Under the above circumstances, I feel that the scheme is not worth considering.

Copy to the Superintending Engineer with reference to Nos. 817.S.K. dated 14-12-49, 540.I/615.Z.17.P. dated 30-3-50, 1540.I. dated 29-8-51 and 1594.I. dated 6-9-'51.

Copy with all the enclosures received submitted to the Chief Engineer for irrigation, Madras in continuation of this office No.1594 I dated 6-9-51 for information. In the circumstances explained by the Executive Engineer the scheme is not worth while taking up for investigation.

Sd/-
For S.E., Coimbatore circle.

// True Copy ///

(8.9.52)
Superintendent.

tss 14/8.

16/9

J

C.F. 32—10,59,181—7-11-49.

Public Works Department

Received ..... Registered .....

From (Name) Sri A.R.Venkatachari,
B.E.,M.I.E.(Ind).,M.Am.Soc.,C.E.
Designation I.S.E.,
Chief Engineer for Irrigation,
Station Chepauk, Madras-5.

To

The Secretary to Government,
Public Works Department,
Madras.

Enclosures: No. 5808/49-B-20, , dated 23rd September 195 2

Sir,

Sub: Irrigation - South Kanara District - Karkal Taluk - Improvements to tanks - Construction of a dam and removal of silt in the Anehere tank - Report on the.

Ref: Govt. Memo No.4471 J/49-1 P.W.D. d/22-10-49.

In continuation of my letter No.5808/49.B.19 dated 12.8.52 I have to state that the plans and estimates for the above scheme received from the Superintending Engineer have been examined and it is found that the scheme for raising the F.T.L. of Anekere tank by 2.5' and increasing the storage by about 2 M.Cft. will cost Rs.17,161 including direct and indirect charges.

The tank is a private one irrigating at present an extent of 141 acres under 2nd crop. The improvements will benefit an extent of 45 or 50 acres. According to the Collector's report an additional revenue of Rs. 6-9-0 only can be realised by reclassifying the land that will be benefitted by the scheme. Thus the cost is far too high for a negligible return of Rs. 6-9-0 and the cost per acre works out to Rs.340/-.

In view of the above, the scheme has been dropped.

for CHIEF ENGINEER FOR IRRIGATION.

SLR.23/9

2

P.W.D.(T-1)

To A.S.

In his letter on f 39 c/f (H) the C.E.(I) reported that Plans and Estimate amounting to Rs. 17,161/- ~~had~~ been received from the S.E. (Coimbatore circle), in respect of the construction of a dam and removal of silt in the ~~Anaikere~~ tank in Karkal taluk. He also ~~reported~~ stated that as the estimate was within his administrative approval he would take further action in the matter.

The C.E.(I) now reports that on examination, it was found that the Scheme would benefit only an additional extent of 45 or 50 acres, ~~which the cost per acre works out to Rs. 340/-~~. The return expected is only Rs. 6-5-0. The C.E.(I) ~~has written back~~ & the cost is far too high and hence the Scheme has been dropped. ~~The C.E.(I)~~

In the circumstances no further action is called for. This may be filed with the papers at (H).

31/10/52

31/10/52

31.10.52

C.No.4471-J/49.)

Sub:-Irrigation--South Kanara Dt.--Karkal taluk--Improvements to tanks.

Ref:-Extract from the Memorandam dated 17-9-49 to M (P.W.) from Janab Hussain, M.L.A.,

"Secretary P.W.: May be seen. The Position has been explained.

Govt. Memo. No.4471 J/49-1 dated 22-10-1949. From the C.E.(I) 5808/49.B.19 d/12-8-1952.

In a memorandum presented to M (P.W.) in September 1949 Mr. Hussain who was then a member of the Assembly and others requested:

(1) the construction of a dam and removal of silt in the Anakere tank in Karkala town as to maintain water at a sufficient level for irrigation purposes; and

(2) the improvement of a tank or catchment area in Muniyal-Mudradi villages of Karkala taluk as a source of irrigation.

The C.E.(I) to whom the matter was referred has reported that as regards item (1), revised plans and estimates amounting to Rs.13,200/- for works or Rs.17,161/- including direct and indirect charges have been received from the S.E., Coimbatore Circle, and that these would be examined and further action taken by him as the estimate is within his powers of sanction.

Regarding item (2), namely formation of a reservoir in the limits of Muniyal-Mudradi villages, the C.E.(I) has forwarded a copy of S.E.'s (Coimbatore Circle) letter. It is reported that the proposal is to form a reservoir across Mattebette river at the junction of the Varanga Kabbinab villages in the limits of Muniyal in Karkal taluk. The maximum height of the dam that can be constructed without submerging the existing paddy fields in Kabbinab village will be about 100 ft. to form a reservoir of only 56 M.Cft. capacity. This will irrigate a maximum of 840 acres (i.e. at 15 acres per M.Cft. of water) of second crop. But, it is

stated that there is not even a single block of 50 acres of compact area. The total area of existing irrigable land in Veranga and Andar villages upto the road is only about 440 acres and these fields are lying in patches in numerous valleys and to supply water to all these lands is absolutely impossible. The maximum area which may be supplied with water can be taken as about 200 acres which will be fed by a right side channel about 2½ miles long to be excavated. The balance of area has yet to be formed by clearing the Reserve Forest and by terracing the lands under a left side channel to be formed to a length of about 3 miles. The scheme is estimated to cost about Rs.36/- lakhs which is very high. It is further stated that even if the scheme is taken up it will be very difficult to have cultivation due to the locality being highly malarial, want of men for cultivation and ravages by wild animals. It is also pointed out that even now first crop is not being raised on all available lands even though water is available. In the circumstances the S.E. is of opinion that the scheme is not worth consideration and the C.E. agrees with him.

It is submitted that the cost of the scheme will work out to Rs.4,285/- per acre which is very high. Even if the scheme is sanctioned about 640 acres i.e. about three fourth of the area to be cultivated will have to be found by clearing reserve forest and terracing the land. As it will cost enormously, it is doubtful whether the ryots would undertake the cultivation of this area at all. In the circumstances no further action seems called for. No reply to the petitioners seems necessary at this distance of time. It does not also appear necessary to circulate the case.

The papers may be recorded in a memo after perusal by Revenue.

8/10/52
6/10/52

7.10.52

Rev

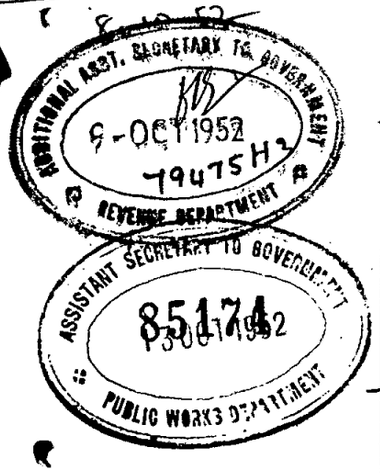
P.W.D. no. 4471-J/49-13

Rev. Dept

J. AS

Notes on pp 1-3 above may be perused and the Case returned to PW-3

11/10/52
PW



Rev. no M. 79475 H/52
J 11/10/52

10/10/52
6/10/52

P.W.D. (J-1)

The papers may now be recorded in a Memo. as ordered above.
Bmies

14/10/52

14/10/52

15.10.52

Memo. no. 3754. 9/20/10/52

Sub- Irrigation - S. Kanara Dt - Karkal Taluk - Improvements to tanks - Proposals dropped - Papers recorded.